



E-Rate Funding Year 2018
 SPIN 143015254
 FCC RN 0025174095
 Proposal Contingent Upon E-Rate Funding

GUTHRIE PUBLIC LIBRARY-

Quoted Service Delivery to (Demarc):
201 N Division St
Guthrie OK 73044

Category 1: Internet Access and/or Telecommunications

<u>Function:</u> Leased Lit Fiber	Bandwidth Up/Down Speed (Mbps)	Monthly Recurring Cost	Annual Recurring Cost	Establishment Fee	One-Time Construction Cost	Total
	200	\$1,430.00	\$17,160.00	\$0.00	\$0.00	\$17,160.00

Term Options

1. Multiyear Contract (initial one-year contract with up to four (4) voluntary renewals)

**** IMPORTANT**** FCC rules require that prior to submission of a form 471 for services, the parties must have a signed and dated contract.

OneNet will provide a multiyear agreement that meets state and E-Rate requirements. By selecting the multiyear contract, your organization can avoid filing a form 470 and OUSF affidavit for the life of the contract. The multiyear agreement is designed to lock in pricing, along with streamlining the filing process for E-Rate and OUSF funding. Upgrades are allowed within the contract, if pricing was provided in the bid response for the desired bandwidth.

OneNet offers the initial one-year contract with up to four (4) voluntary renewals, which is subject to annual ratification by the customer and OneNet. If mutual ratification is not agreed upon, services will continue on a month-to-month basis until services are cancelled by the customer submitting a disconnect form. **If OneNet is selected as the service provider, please contact our office to request a contract prior to filing your form 471. Applicant MUST designate the service agreement as a "CONTRACT" on the FCC form 471.**

2. Month-to-Month service

No contract is needed for month-to-month service. Applicant must designate the service agreement as month-to-month on the FCC form 471. Annual filing of the FCC form 470 is required.

Standard Internet Package

OneNet internet service includes the connection from your location to our hubsite (leased lit fiber or internet access and transport bundled functions only). As part of our standard internet package, all OneNet internet service customers also receive a suite of services that includes QoS, MPLS, DNS and video conferencing. OneNet operates under a cost-recovery model. The internet access rate quoted is based on cost to provide internet access only. There are no costs associated with QoS, MPLS, DNS or video conferencing.

Router Requirements

OneNet provided router on location equipment, according to bandwidth (BW)	Monthly Rates
BW T1 – 1000M Mbps: Juniper SRX340 or current equivalent model	\$89.00

The router shall remain the property of OneNet. Maintenance of the router will be OneNet's responsibility. Customers' local network will not be dependent on the OneNet provided router. OneNet configures the routers in "packet mode", so they only perform routing functionality required for internet service.

Router Requirements

OR

Customer Provided Router Requirements

>100M will require a router with 2 Gigabits Ethernet interfaces: one for internet and one for the local area network (LAN)

Installation

At OneNet, we strive to provide a timely connection for your new circuit or circuit upgrade. Our provisioning team and network technicians partner with the local telecommunications company providing your last-mile services to develop a timeline for your connection and work to keep your installation on schedule. The date the customer orders service from OneNet, the last-mile provider's schedule and construction requirements are the main factors affecting the installation timeline. Standard installation, without construction, can take up to approximately 90 days. Throughout the installation process, our provisioning team monitors the circuit installation status and keeps you informed on the progress.

- **Site Preparations**

The customer is responsible for all site preparations, such as electrical capacity and backboard for mounting service provider equipment, when applicable.

Category 2: Internal Connections - Firewall Service and Components

Managed Firewall Services - OneNet provides a basic managed firewall service through a cloud-based Palo Alto solution (no equipment needed). Customer must have OneNet internet access service.

Virtual Firewall	Supports Up To	Virtual Machine Model Number	Annual Fee Basic Firewall
	100 Mbps	VM-50	\$1,699.00
	1 Gbps	VM-100	\$2,413.00
	2 Gbps	VM-300	\$3,410.00
	4 Gbps	VM-500	\$6,739.00
	8 Gbps	VM-700	\$13,573.00

Non-E-Rate Eligible Firewall Add-on Bundle:

Managed Next-Generation Firewall Services Bundle— OneNet provides a firewall bundle including threat prevention, PANDB URL Filtering, Global Protect and Wildfire to stop new emerging threats. Customer must have OneNet internet access service.

Virtual Firewall	Supports Up To	Virtual Machine Model Number	Annual Fee Add-on Bundle (Non-E-Rate Eligible)	Annual Fee Basic Firewall (Category 2 E-Rate Eligible)	Annual Total Basic Firewall Plus Add-on Bundle
	100 Mbps	VM-50	\$357.00	\$1,699.00	\$2,056.00
	1 Gbps	VM-100	\$949.00	\$2,413.00	\$3,362.00
	2 Gbps	VM-300	\$1,825.00	\$3,410.00	\$5,235.00
	4 Gbps	VM-500	\$5,183.00	\$6,739.00	\$11,922.00
	8 Gbps	VM-700	\$11,169.00	\$13,573.00	\$24,742.00

Firewall Bundle Services

Threat Prevention License - Threat prevention subscription protects the network from advanced threats by identifying and scanning all traffic—applications, users and content.

PANDB URL Filtering License - PANDB automatically prevents attacks that leverage the web as an attack point, including phishing links in emails, phishing sites, malicious sites and pages that carry exploit kits.

Global Protect – Global Protect delivers next-generation security platform protection to mobile users to stop targeted cyberattacks, phishing, malicious websites and known and unknown threats.

WildFire Subscription – WildFire goes beyond legacy approaches used to detect unknown threats, bringing together the benefits of traditional and cloud-based analysis.

Non-E-Rate Eligible Services

	<p>Content Filtering</p> <p>Our OpenDNS Umbrella solution allows for different filtering policies for administrators and students. Our solution includes web-based detailed filtering and reporting and active directory integration. No hardware is needed for this cloud-based solution, and there is no impact on network speed. This solution is CIPA compliant.</p>	<p>K-12: \$600 per year for 500 or fewer students \$1.30/student per year if more than 500 students (e.g. 1,000 students = \$1,300) Libraries please call for pricing</p>
	<p>Colocation</p> <p>Utilize OneNet's datacenter for your hardware. Private MPLS connectivity to your network is available at no additional cost. OneNet's Oklahoma City datacenter is backed by top-of-the-line cooling and power redundancy solutions.</p>	<p>\$240/rack unit/year plus connectivity</p>
	<p>High-Speed/Storage Area Network</p> <p>Data stays on disk. Replication included. Primary storage can be in Oklahoma City or Tulsa.</p>	<p>\$1.20/GB/year</p>
	<p>Tivoli Storage Manager (TSM) Backup</p> <p>Traditional backup, except that OneNet runs the servers.</p>	<p>See website or call for pricing details</p>
	<p>Reduced-Redundancy Archival Tier Storage</p> <p>This tier of storage provides an economical solution for backup/archival storage. Storage can be accessed via network shares (NFS/CIFS). For multi-site resiliency, request two copies.</p>	<p>\$125/TB/year \$250/TB/year for two copies</p>
	<p>Email Archiving</p> <p>OneNet secures your email in our datacenter. Your archive will be indexed and searchable by keyword or user. Data cannot be deleted by end-users, protecting the integrity of your email archive. OneNet manages updates and maintains servers. Data is backed up in our Oklahoma City datacenter.</p>	<p>\$10/year per mailbox</p>
	<p>Email Hosting</p> <p>OneNet hosts your organization's email on our managed servers, based on Oracle Messaging Server.</p>	<p>\$250/year for internet customers \$300/year for non-internet customers *Customers with fewer than 25 email accounts, please contact us for pricing.</p>
	<p>Virtual Infrastructure</p> <p>OneNet offers a resource pool of CPU/RAM on our fully redundant, virtual infrastructure based on VMware vSphere. Multicity disaster recovery capability is included.</p>	<p>\$60/GB RAM/year plus storage (high-speed). Managed VM service available as well.</p>
	<p>Web Hosting</p> <p>OneNet offers a sophisticated web hosting platform, utilizing cPanel technology.</p>	<p>\$50/year for internet customers \$100/year for non-internet customers</p>

OneNet provides **24/7 service desk for support** on all services.

For additional details or pricing questions, call (888) 566-3638 and ask for our systems department.

For more information on OneNet services, visit <https://onenet.net/services/onenet-services/>.

OneNet Overview

OneNet is a division of the Oklahoma State Regents for Higher Education and Oklahoma's only statewide internet service provider. Our mission is to advance technology across Oklahoma. OneNet is not a state-owned utility and receives no direct state appropriations. We partner with local and national businesses in the technology industry. For the "last-mile" of connectivity, extending from our hubsites to customers, OneNet leases infrastructure from private telecommunications providers. The result of this partnership is millions of dollars in savings to Oklahoma taxpayers and a broadband infrastructure that is one of the most comprehensive in the nation.

E-Rate and OUSF Expertise

OneNet has been involved in E-Rate and the Oklahoma Universal Service Fund (OUSF) programs since the programs' inception. Our staff attends service provider training presented by USAC semi-annually, as well as meetings of the Oklahoma Universal Service Fund throughout the year.

E-Rate

OneNet will provide discounted invoices within 30 days of USAC's form 486 approval. OneNet is set up for Service Provider Invoices (SPI Method) with USAC, but we will work with any customers who would like to pay in full and file the Billed Entity Applicant Reimbursement (BEAR).

OUSF

Once a completed affidavit is received for OUSF, OneNet will submit the affidavit to the Oklahoma Corporation Commission (OCC) within 30 days.

If funding is not approved through these funding mechanisms, the applicant is obligated to pay the balance due after all approved discounts are applied. If the applicant is ineligible, the applicant is responsible for 100 percent.

OneNet is obligated to participate in and be compliant with the rules and requirements of the both programs stated above.

Technical Support

OneNet provides 24/7/365 technical support. Customers can reach our helpdesk and receive technical support for basic troubleshooting issues on their network. OneNet's helpdesk and engineering staff operate with a set of procedures and checklists that assure OneNet provides unmatched customer support and ensures 24/7 availability and responsiveness to those we serve.

Questions?

Please contact OneNet's provisioning department for questions regarding this bid:

provisioning@onenet.net • (405) 225-9470 locally • (888) 566-3638 toll-free



E-Rate Contact
Ami Layman
OneNet Business Director
OneNet
P.O. Box 108800
Oklahoma City, OK 73101-8800
(888) 566-3638